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(54) Title: IL-11 MUTEINS

(57) Abstract: The present invention relates to new IL-11 muteins of which site I hydrophobocity has been increased. These muteins act as IL-11 agonist or hyperagonist, and are notably useful as anti-thrombocytopenia agents, and as agents improving the resistance of an organism to the deleterious in vivo effects induced by radiation or chemotherapy during the treatment of cancer or for the preparation of patient to transplantation.